



PlayStation 2 Teardown

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Tools used in this guide

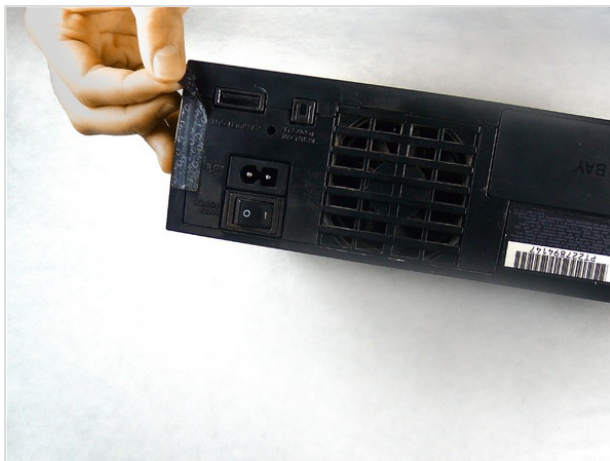
- [Metal Spudger](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Phillips #1 Screwdriver](#) (1)

This guide will show you how to take your PlayStation 2 apart, down to the bare bones.



Step 1 — PlayStation 2 Teardown

- Flip the Playstation 2 (PS2) so that the bottom of the device is facing up.
- Using a metal splunger pry the 8 flat screw covers out.
- Remove the following 8 screws:
 - Four 55.4mm Philips head screws.
 - Four 18mm Phillips head screws.



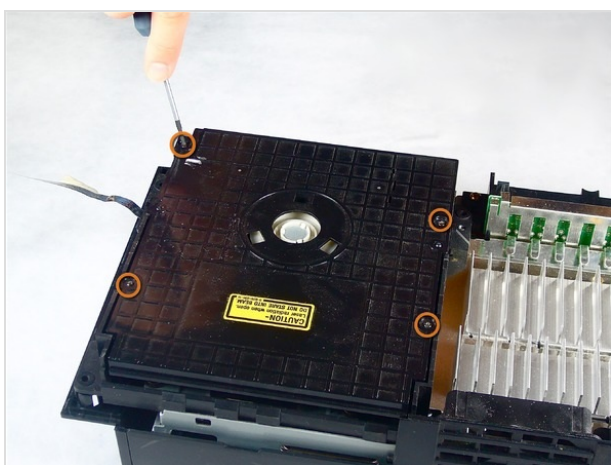
Step 2

- Peel away the warranty sticker. It is located right next to the main power switch. Please note removing this sticker will void your warranty but many factory warranties on PlayStation 2 systems have run out since the systems are so old.



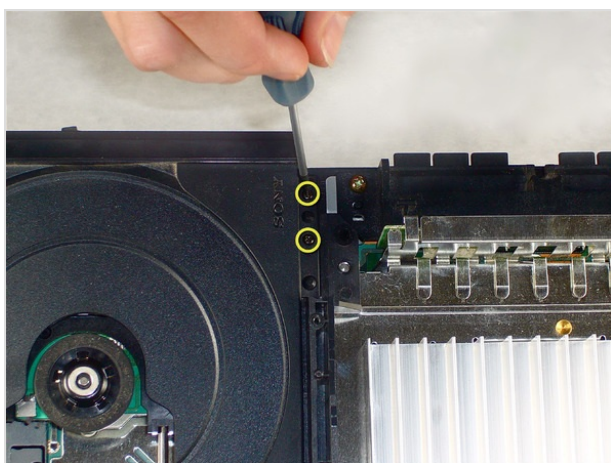
Step 3

- Flip the PS2 back over and remove the top cover, prying the half closer to the power switch first and rocking the whole thing towards the front.
- Carefully remove the cord that attaches the two halves by unclipping the power cord assembly from the case in the lid.



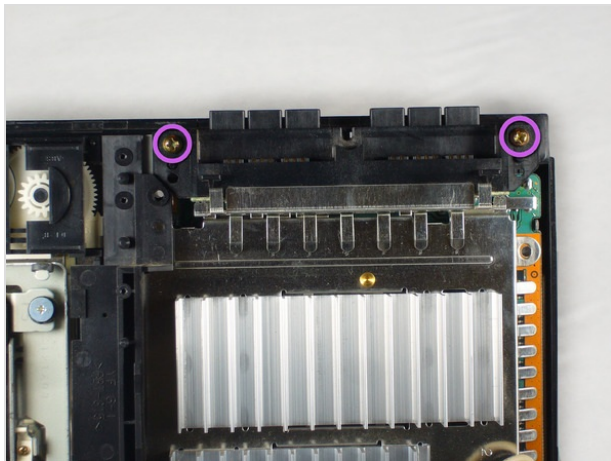
Step 4

- Remove the four 6.4mm Phillips head screws which hold the lid of the disc drive on.
- Remove the lid.



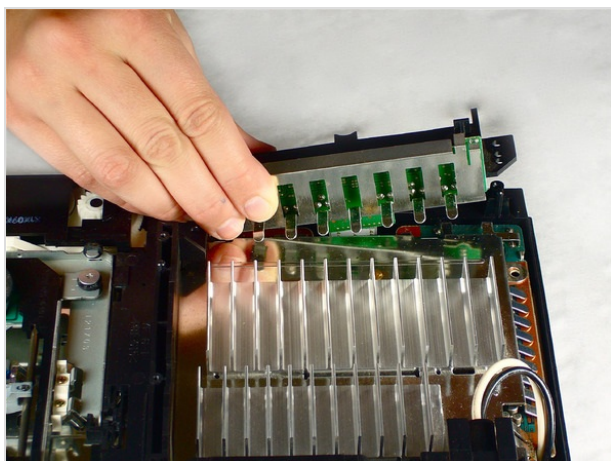
Step 5

- Remove the two 6.4mm #00 Phillips head black screws holding the disc drive in place.
- Remove the whole disc drive by carefully tilting the lid and sliding out.



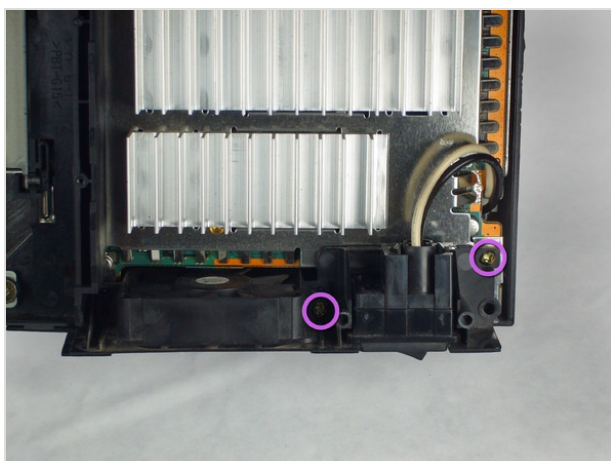
Step 6

- Remove two 14.6mm Phillips head gold screws to remove controller port.



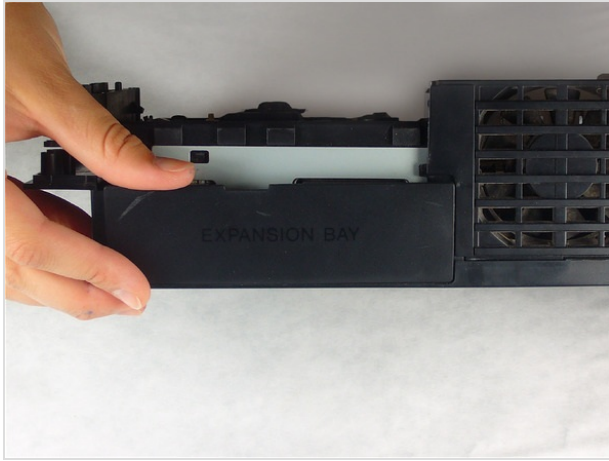
Step 7

- Gently lift out the controller port.
- Remove the ribbon cable.



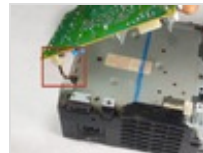
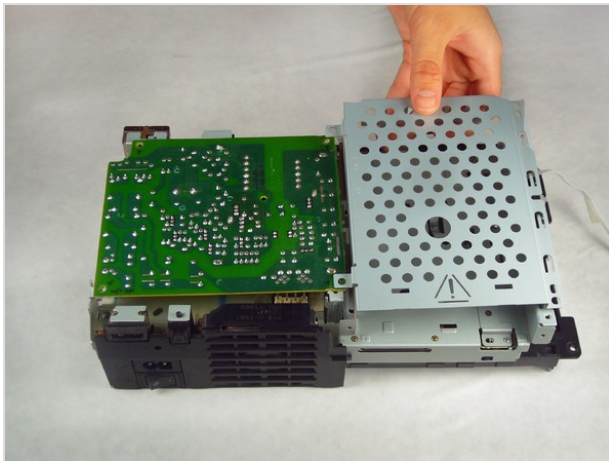
Step 8

- Remove two 14.6mm Phillips head gold screws holding the fan.




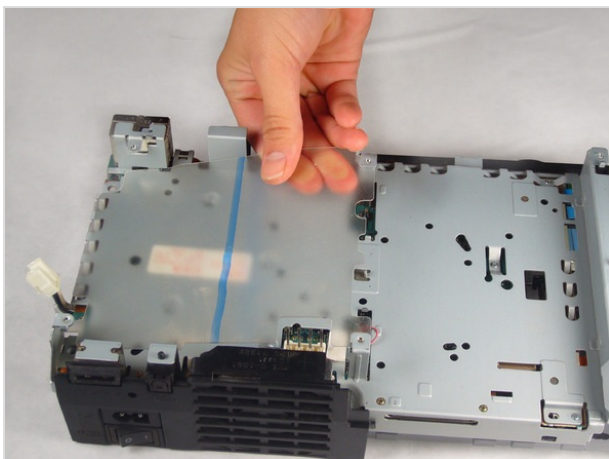
Step 9

- Remove the cover for the Expansion Bay.
 - If you utilize your expansion bay for its intended purpose, make sure you remove the component now.
- Pull the *inards* out and away from the bottom cover.
- Now that all of that bulky plastic is out of the way, we can get to the fun stuff - electronics!
- Let's begin by removing the four 7.6mm Phillips head gold screws holding on the power supply board.



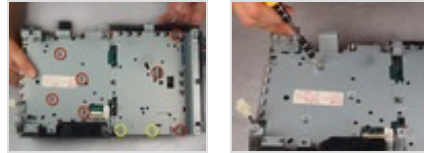
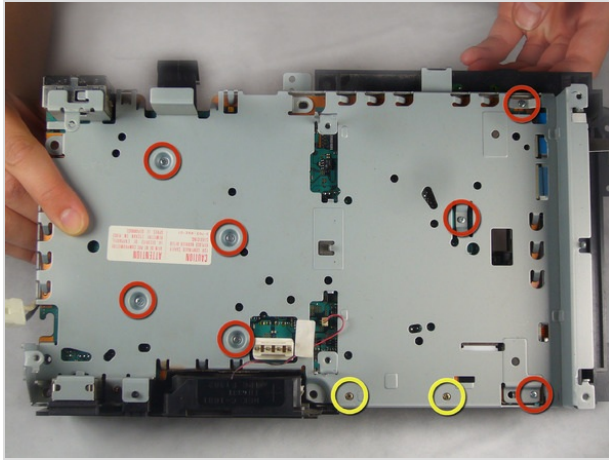
Step 10

- With the screws out of the way, the metal case that houses the expansion bay will lift off with ease.
- There is one cable that is clipped onto the power board. It is located next to the main power switch. 
- Carefully begin lifting the power board. You can now see the clip holding the power board in place.
- Unsnap the clip, and the board is free from the unit.



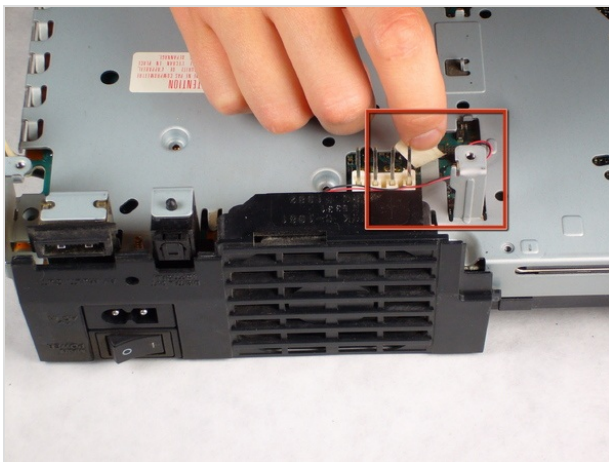
Step 11

- Underneath where the power supply once was is a transparent piece of plastic. This is the heat shield, and it can now be removed.
- It can be a bit stubborn, so it may take a little finessing to get it free.



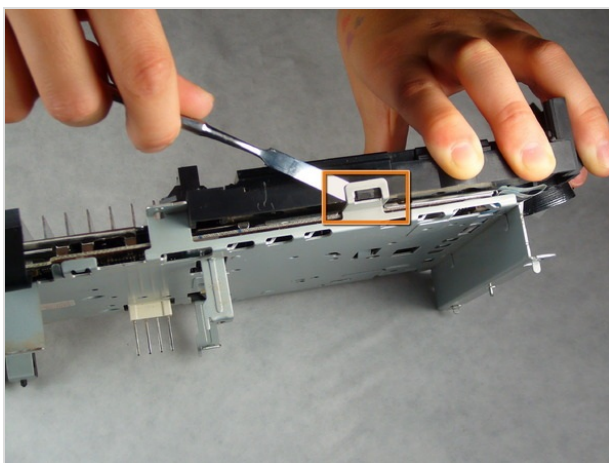
Step 12

- Now with the heat shield out of the way, you can see there are quite a few screws holding the rest in place.
- First, remove the seven 5.8mm Phillips head silver screws.
- Next, take out the two 7.4mm Phillips head gold screws.



Step 13

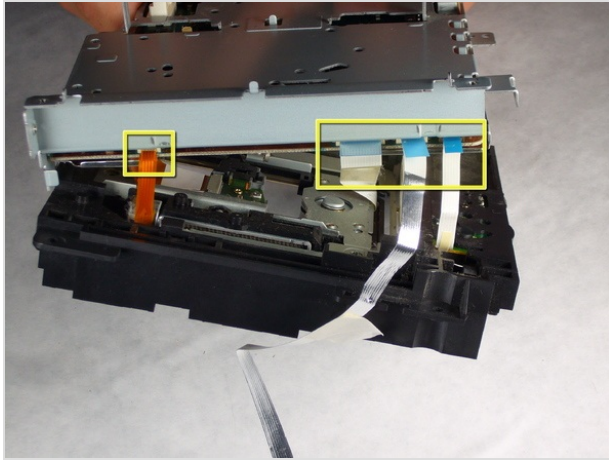
- We can now remove the fan and main power switch assembly.
- Remove the small white piece of tape that holds the wire connected to the fan.
- Unplug the wire from the logic board.
- The fan and switch are now free from the rest of the PS2. Simply remove it by pulling it out the bottom.




Step 14

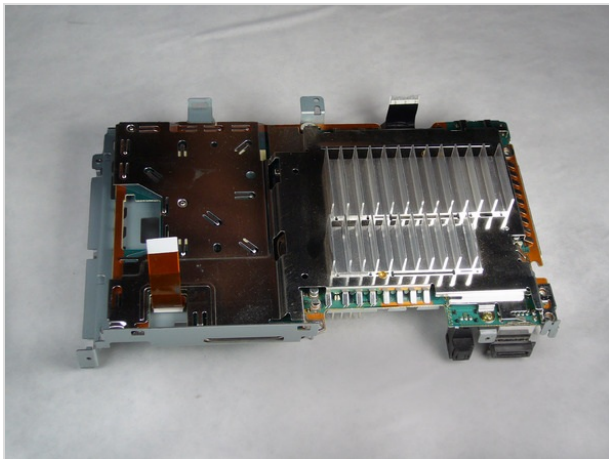
- Unclip flaps, one on one side and two on the other, holding the disc drive together. **The first two pictures display where the three flaps are.** This is very tricky so take your time.
- Carefully begin to lift out the disc drive. Beware, there are ribbon cables still attached.





Step 15

- There are four ribbon cables attached to the disc drive. Be careful not to rip any of them! 
- Remove the three blue ribbon cables and one little orange cable by gently pulling on the blue plastic strips.
- Carefully remove the orange ribbon cable from the laser by gently pulling on the white plastic strip.



Step 16

- After the disc drive has been completely removed flip it over.
- Gently lift off the metal cooling fins.
- All that remains in view should be the logic board.



Step 17

- This is what your disassembly should look like when finished.

To reassemble your device, follow these instructions in reverse order.